

[024] Conversely, if the shifting roll is rotating more rapidly, then because of a rotational axle (axis) for the rocker element, which axis is located perpendicular to within the respective groove, an action is carried out so that, because of increased centrifugal force, a torque is brought about on the rocker element which opposes the spring force. By this activity, the rocker elements pivot about their rotational axis so that the wedge-shaped tips are forced out of engagement with the fingers. The respective selector finger, as a result, is no longer diverted into the direction of the gear groove, but is allowed to remain in the neutral position. ✓ ✓

[030] Figure 1 The sole Figure is a development of a shifting roll; and Figure 2 shows the finger engaging with a groove of the shifting roll. ✓ ✓

[032] Since shift devices with shifting rolls are well known to those skilled in the art, in the sole Figure [[1]] only those components which are necessary for understanding the invention are presented in a purely schematic manner. As shown in Figure 2, the the The shifting roll 7 is rotatably about an axle (axis) A and the shifting roll has grooves G thereon as well as a respective selection finger F which can engage within each respective groove. ✓ ✓ ✓

Reference numerals

1 tip

2 tip

3 tip

4 tip

5 tip

6 rotational axis for the rocker element

7 shifting roll

8 rocker element carrying tips and spring

9 compression spring

10 tip

11 tip

12 tip

13 tip

14 tip

N neutral position

R reverse gear

1' first gear

2' second gear

3' third gear

4' fourth gear

5' fifth gear

A roll axis roller axis

F, F', F'', F''' selector finger

G, G', G'', G''' groove

✓

✓

✓